

Mean Median Mode

Bundle

Skittles Scavenger Skittles

How many Skittles are in a 200g bag? In a 100g bag? How many Skittles are in a 50g bag? How many Skittles are in a 25g bag? How many Skittles are in a 10g bag? How many Skittles are in a 5g bag? How many Skittles are in a 2g bag? How many Skittles are in a 1g bag? How many Skittles are in a 0.5g bag? How many Skittles are in a 0.2g bag? How many Skittles are in a 0.1g bag? How many Skittles are in a 0.05g bag? How many Skittles are in a 0.02g bag? How many Skittles are in a 0.01g bag?

Round 1: Your Data Collection

Name: _____

Color	1g	2g	5g	10g	25g	50g	100g	200g
Red								
Orange								
Yellow								
Green								
Purple								
White								

Round 2: Partner Data Collection

Name: _____

Color	1g	2g	5g	10g	25g	50g	100g	200g
Red								
Orange								
Yellow								
Green								
Purple								
White								

Average Mean

The **MEAN** of a data set is the sum of the numbers *divided* by the total amount of numbers.

Step 1: Find the sum of your data set.
 $1 + 4 + 7 + 7 + 9 = 30$

Step 2: Count the total amount of numbers in your data set.
 5

Step 3: Divide the sum by the total amount of numbers in your data set.
 $30 \div 5 = 6$
 That is your **MEAN**.

Round 3: Group Data Collection

Name: _____

Color	1g	2g	5g	10g	25g	50g	100g	200g
Red								
Orange								
Yellow								
Green								
Purple								
White								

Round 4:

Name: _____

Color	1g	2g	5g	10g	25g	50g	100g	200g
Red								
Orange								
Yellow								
Green								
Purple								
White								

21. Amanda's team wants to have to win the game. They are allowed to win 100 points. How many points do they need to win the game? **100**

22. Amanda's team wants to have to win the game. They are allowed to win 100 points. How many points do they need to win the game? **100**

23. Amanda's team wants to have to win the game. They are allowed to win 100 points. How many points do they need to win the game? **100**

24. Amanda's team wants to have to win the game. They are allowed to win 100 points. How many points do they need to win the game? **100**

Connor ate several snacks every day when he got home from school. The numbers below are the number of snacks he ate each day.

3, 6, 5, 3, 8

How many snacks did he eat altogether?

1

Connor ate several snacks every day when he got home from school. The numbers below are the number of snacks he ate each day.

3, 6, 5, 3, 8

How many days did he eat snacks after school?

2

Connor ate several snacks every day when he got home from school. The numbers below are the number of snacks he ate each day.

3, 6, 5, 3, 8

What is the average number of snacks he ate?

3

Connor ate several snacks every day when he got home from school.

3, 6, 5, 3, 8

Subtract the lowest number of snacks he ate from the highest number of snacks. What is the range of snacks he ate?

4

5

Clara graphed her reading fluency scores for 6 weeks.

99, 88, 97, 107, 100, 109

What is the mean (average) of her scores?

6

Clara graphed her reading fluency scores for 6 weeks.

99, 88, 97, 107, 100, 109

What is the median of her scores?

7

Clara graphed her reading fluency scores for 6 weeks.

99, 88, 97, 107, 100, 109

What is the range of her scores?

8

Clara graphed her reading fluency scores for 6 weeks.

99, 88, 97, 107, 100, 109

In words, describe how you found the mean of her scores.

9 Rachel's mom kept track of how much money she spent on groceries each week for four weeks.

\$201, \$281, \$333, \$109

What is the mean amount she spent on groceries?

10 Rachel's mom kept track of how much money she spent on groceries each week for four weeks.

\$201, \$281, \$333, \$109

What is the median amount she spent on groceries?

11 Rachel's mom kept track of how much money she spent on groceries each week for four weeks.

\$201, \$281, \$333, \$109

What is the range of money she spent on groceries?

12 Rachel's mom kept track of how much money she spent on groceries.

\$201, \$281, \$333, \$109

In words, describe how you determined the median amount she spent on groceries.

13

The car dealership kept track of how many cars they sold each week for 6 weeks.

75, 88, 34, 88, 64, 101

What is the average amount of cars sold each week?

14

The car dealership kept track of how many cars they sold each week for 6 weeks.

75, 88, 34, 88, 64, 101

What is the mode of cars sold each week?

15

The car dealership kept track of how many cars they sold each week for 6 weeks.

75, 88, 34, 88, 64, 101

What is the range of cars sold each week?

16

The car dealership kept track of how many cars they sold.

75, 88, 34, 88, 64, 101

Using words, describe how you determined the mode of cars sold each week.

17

Pahlia charted the low temperatures over an 8 week period for a school project. The temperatures were...

34°, 34°, 27°, 38°, 48°, 23°, 42°, 34°

What is the range of temperatures?

18

Pahlia charted the low temperatures over an 8 week period for a school project. The temperatures were...

34°, 34°, 27°, 38°, 48°, 23°, 42°, 34°

What is the mode of the temperatures?

19

Pahlia charted the low temperatures over an 8 week period for a school project. The temperatures were...

34°, 34°, 27°, 38°, 48°, 23°, 42°, 34°

What is the median temperature?

20

Pahlia charted the low temperatures over an 8 week period for a school project. The temperatures were...

34°, 34°, 27°, 38°, 48°, 23°, 42°, 34°

What is the mean of the temperatures?

21 Annabel's mom wanted her to watch less TV, so she timed how many minutes she watched it each day for a week.

<u>M</u>	<u>T</u>	<u>W</u>	<u>Th</u>	<u>F</u>	<u>S</u>	<u>Su</u>
29	14	27	50	38	71	44

Her mom decided that she could watch the median number of minutes each day. How many minutes can she watch?

22 Annabel's mom wanted her to watch less TV, so she timed how many minutes she watched it each day for a week.

<u>M</u>	<u>T</u>	<u>W</u>	<u>Th</u>	<u>F</u>	<u>S</u>	<u>Su</u>
29	14	27	50	38	71	44

How could Annabel's mom determine the average number of minutes she watched TV?

23 Jennifer's family went on a 7 day road trip this summer. Below is the number of miles they drove each day.

238, 456, 129, 238,
457, 312, 291

What is the range of distances driven each day?

24 Jennifer's family went on a 7 day road trip this summer. Below is the number of miles they drove each day.

238, 456, 129, 238,
457, 312, 291

What is the mean distance driven each day?

25

Write the definition
of median.

26

Write the definition
of mode.

27

Write the definition
of range.

28

Write the definition
of mean (average).

29

Describe three different real world reasons you may need to find the median in a set of numbers.

30

Describe three different real world reasons you may need to find the mode in a set of numbers.

31

Describe three different real world reasons you may need to find the range of a set of numbers.

32

Describe three different real world reasons you may need to find the average in a set of numbers.

33

Find the mean, median, mode, and range of the following set of numbers.

343
23
138
3,415
138
23

34

Find the mean, median, mode, and range of the following set of numbers.

56
788
532
345
788
76

35

Find the mean, median, mode, and range of the following set of numbers.

893	349
34	43
523	34
249	43
343	358

36

Find the mean, median, mode, and range of the following set of numbers.

791	23
24	319
476	901
791	653
118	28